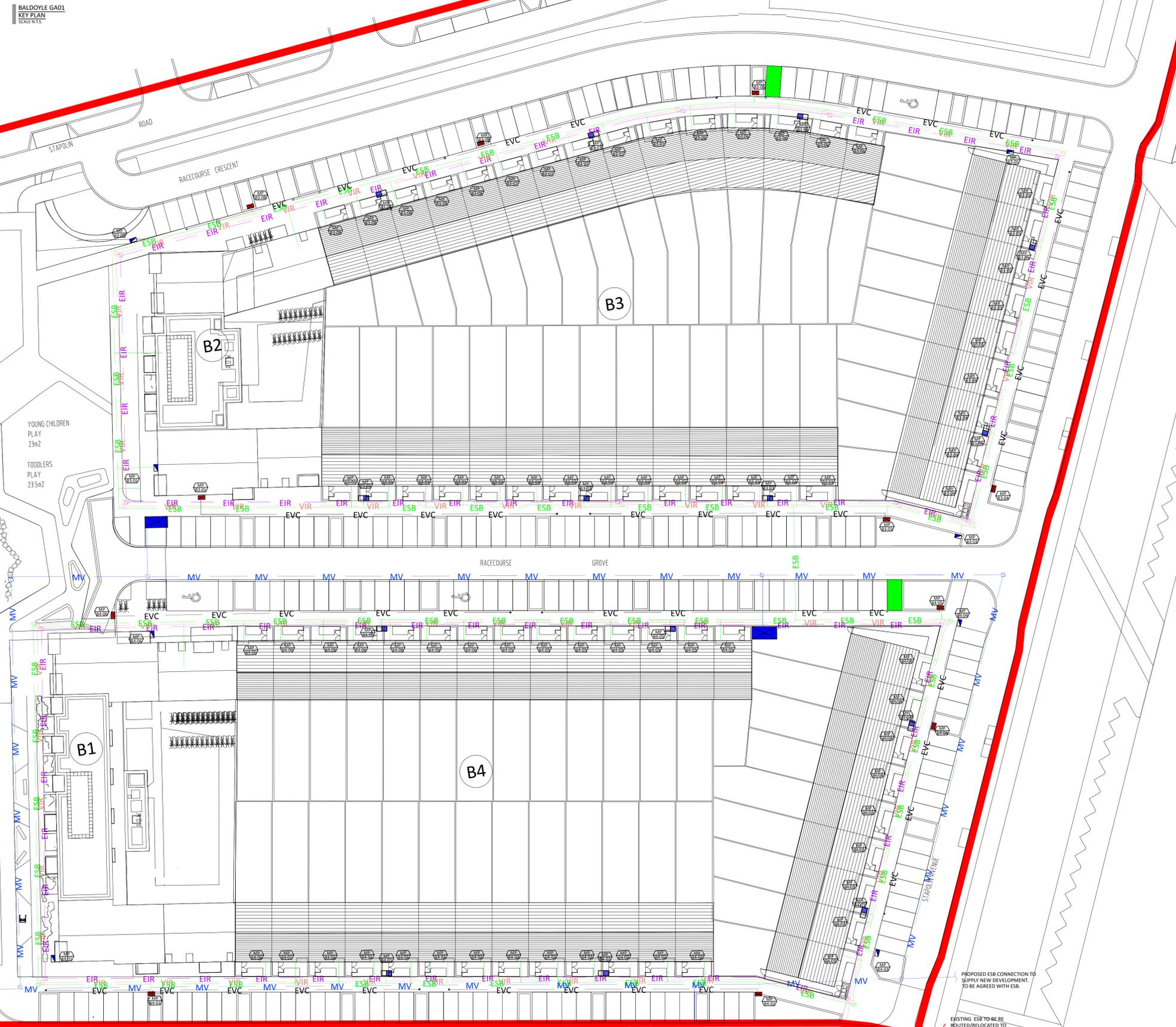
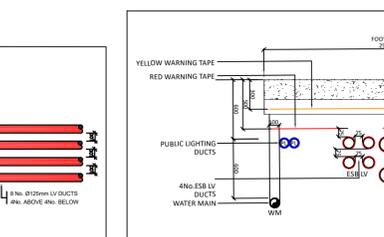
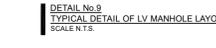
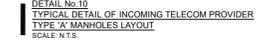
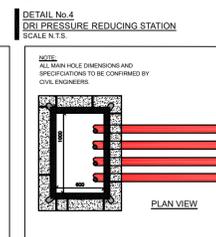
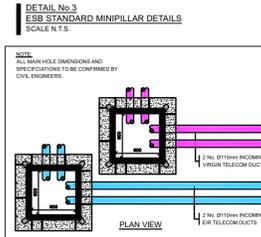
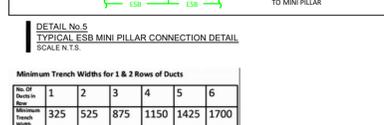
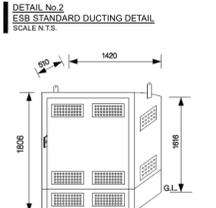
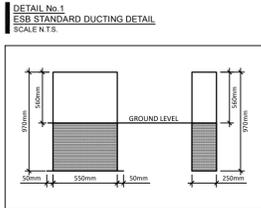
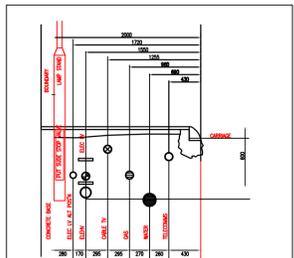
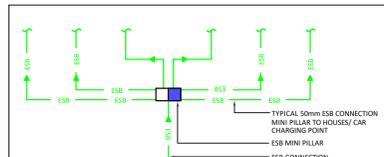
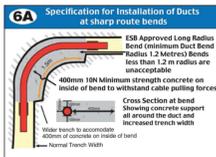
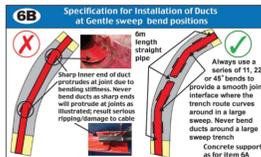
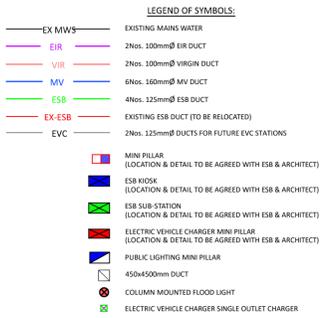


MECHANICAL DRAWING NOTES:

- FOR SYMBOLS & ABBREVIATIONS SEE DETAIL SHEETS.
- EXISTING & NEW WATER MAIN INCLUDING FIRE HYDRANT LOCATIONS ARE SHOWN ON STRUCTURAL ENGINEERS DRAWINGS BY MAIN CONTRACTOR.
- CONNECTION TO THE LOCAL AUTHORITY WATER &/OR GAS MAIN SHALL BE MADE BY OTHERS. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR MAKING A CONNECTION TO SAME.
- THURST BLOCKS SHALL BE PROVIDED BY THE MAIN CONTRACTOR AT EVERY CHANGE OF DIRECTION OR LEVEL. UNDERGROUND MAINS SHALL HAVE A MINIMUM COVER OF 1000mm & NOT GREATER THAN 1350mm.
- UNDERGROUND MAINS WATER PIPEWORK SHALL HAVE A MINIMUM COVER OF 1000mm & NOT GREATER THAN 1350mm.
- UNDERGROUND DIESEL PIPEWORK SHALL HAVE A MINIMUM COVER OF 750mm & NOT GREATER THAN 1350mm. PIPEWORK TO BE WRAPPED WITH DENSOTEPE.
- THE CONTRACTOR SHALL ENSURE THAT ADEQUATE PROVISIONS ARE MADE ON THE WATER MAIN TO FACILITATE CHORINATION & SWABBING & SHOULD BE CHECKED WITH THE LOCAL AUTHORITY PRIOR TO THE INSTALLATION OF THE MAIN.
- WHERE DEPTH OF COVER OF WATER MAIN IS NOT SUFFICIENT, PIPE IS TO BE ENCASED IN 150mm OF CONCRETE.
- FOR SCHEDULES OF EQUIPMENT SEE SPECIFICATION.
- THE COMPLETE INSTALLATION TO BE CO-ORDINATED WITH ALL OTHER SERVICES.

ELECTRICAL DRAWING NOTES:

- DUCTING SHALL COMPLY WITH BS EN 50268-2-3:4 LATEST EDITION & SHALL BE SINGLE WALL COLOURED HDPE MANUFACTURED FROM HIGH DENSITY POLYETHYLENE. THE NOMINAL EXTERNAL DIAMETER OF THE DUCT SHALL BE 107mm WITH A MINIMAL WALL THICKNESS OF 5mm. EACH METRE OF DUCT SHALL BE STAMPED WITH THE WORDS "PUBLIC LIGHTING" OR ALTERNATIVELY "STREET LIGHTING" IN 18mm BLACK LETTERING AT 10 DEGREES. AT ONE METRE INTERVALS DUCT SHALL BE LAID WITH THIS LEGEND FACING UPWARDS. DUCT SHALL CONTAIN A CONTINUOUS BRAVE WIRE OR Braid STRENGTH.
- A MINIMUM DEPTH OF 450mm COVER IS REQUIRED IN URBAN PATHWAYS & A MINIMUM OF 600mm COVER IS REQUIRED FOR GRASS MARGINS, PEDESTRIAN WAYS, LANEWAYS & GATEWAY ENTRANCES. A MINIMUM DEPTH OF 750mm IS REQUIRED AT ROAD CROSSINGS OR IN CARRIAGEWAYS.
- ALL EQUIPMENT TO BE SUITABLY IP RATED FOR THE ENVIRONMENT THEY ARE BEING INSTALLED IN.



- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by
P01	25.05.20	ISSUED FOR COMMENT.	I.F.	J.D.
P02	09.10.20	ISSUED FOR COMMENT.	I.F.	J.D.
P03	11.05.21	ISSUED FOR PLANNING.	J.D.	B.R.

Rev No.	Date	Revision Note	Drn by	Chkd by



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Client: THE SHORELINE PARTNERSHIP
Project: BALDOYLE STAPOLIN
Title: GROWTH AREA -1
MECHANICAL & ELECTRICAL
SITE SERVICES LAYOUT

Code [Originator] Zone | Level | Type | Number | Status | Revision
R500: OCSC-GA01-XX-DR-ME-0005 | S4 | P03
Date: 02.04.20 Scale: 1:250 @ A0 Drn by: I.F. Chkd by: J.D. Aprvd by: M.C.C.